

Atmos. Chem. Phys. Discuss., author comment AC1  
<https://doi.org/10.5194/acp-2022-151-AC1>, 2022  
© Author(s) 2022. This work is distributed under  
the Creative Commons Attribution 4.0 License.

## **Author responses to reviewer comments on acp-2022-151**

Ville Maliniemi et al.

---

Author comment on "The influence of energetic particle precipitation on Antarctic stratospheric chlorine and ozone over the 20th century" by Ville Maliniemi et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2022-151-AC1>, 2022

---

We would like to thank both reviewers for careful reading of paper and valuable comments. Please find our detailed responses attached as a pdf.

Please also note the supplement to this comment:

<https://acp.copernicus.org/preprints/acp-2022-151/acp-2022-151-AC1-supplement.pdf>